

FIG. 1

CAT. #	TARGET	BATCH*SPP.	n=	CONC.	%	†% INHIBITION	IC ₅₀	K _i	n _H	R
♦ 146000	PHOSPHODIESTERASE PDE1	43970 BOV	2	100 µM	57	100 50 0	127 µM			
♦		44167 BOV	2	1000 µM	45	100 50 0				
			2	300 µM	63	100 50 0				
			2	100 µM	49	100 50 0				
			2	30 µM	26	100 50 0				
			2	10 µM	8	100 50 0				
			2	3 µM	10	100 50 0				
			2	100 µM	27	100 50 0				
♦ 148000	PHOSPHODIESTERASE PDE2	43971 HUM	2	100 µM	62	100 50 0				
♦ 152000	PHOSPHODIESTERASE PDE3	43972 HUM	2	100 µM	61	100 50 0	93.2 µM			
♦		44169 HUM	2	1000 µM	71	100 50 0				
♦			2	300 µM	64	100 50 0				
♦			2	100 µM		100 50 0				

*BATCH: REPRESENTS COMPOUNDS TESTED CONCURRENTLY IN THE SAME ASSAY(S).
 ♦ DENOTES ITEM MEETING THE CRITERIA FOR SIGNIFICANCE
 †RESULTS WITH ≥ 50% STIMULATION OR INHIBITION ARE BOLDFACED.
 (NEGATIVE VALUES CORRESPOND TO STIMULATION OF BINDING OR ENZYME ACTIVITY)
 R = ADDITIONAL COMMENTS
 BOV = BOVINE; HUM = HUMAN

FIG. 2A

CAT. #	TARGET	BATCH*SPP.	n=	CONC.	%	†% INHIBITION	IC ₅₀	K _i	n _H	R
						-100 -50 0 50 100				
						↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓				
154000	PHOSPHODIESTERASE PDE4	44171 HUM	2	30 μM	36	36	127 μM			
♦										
156000	PHOSPHODIESTERASE PDE5	43974 HUM	2	10 μM	22	22				
♦										
♦										
♦										
♦										
156100	PHOSPHODIESTERASE PDE6	43975 BOV	2	100 μM	36	36				

*BATCH: REPRESENTS COMPOUNDS TESTED CONCURRENTLY IN THE SAME ASSAY(S).

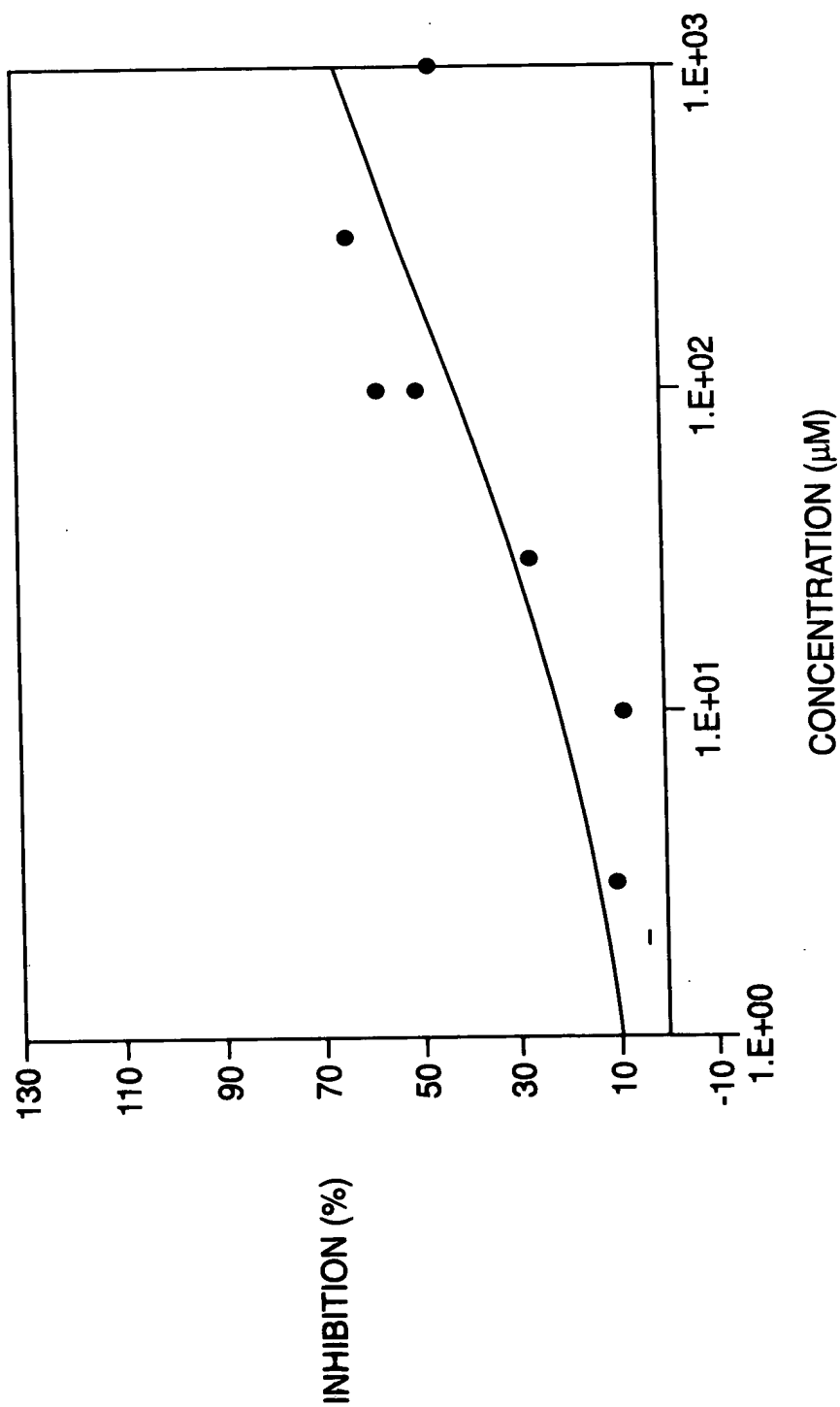
♦ DENOTES ITEM MEETING THE CRITERIA FOR SIGNIFICANCE

† RESULTS WITH ≥ 50% STIMULATION OR INHIBITION ARE BOLDFACED.
 (NEGATIVE VALUES CORRESPOND TO STIMULATION OF BINDING OR ENZYME ACTIVITY)

R = ADDITIONAL COMMENTS

BOV = BOVINE; HUM = HUMAN

FIG. 2B



COMPOUND	IC ₅₀
•	127μM

FIG. 3

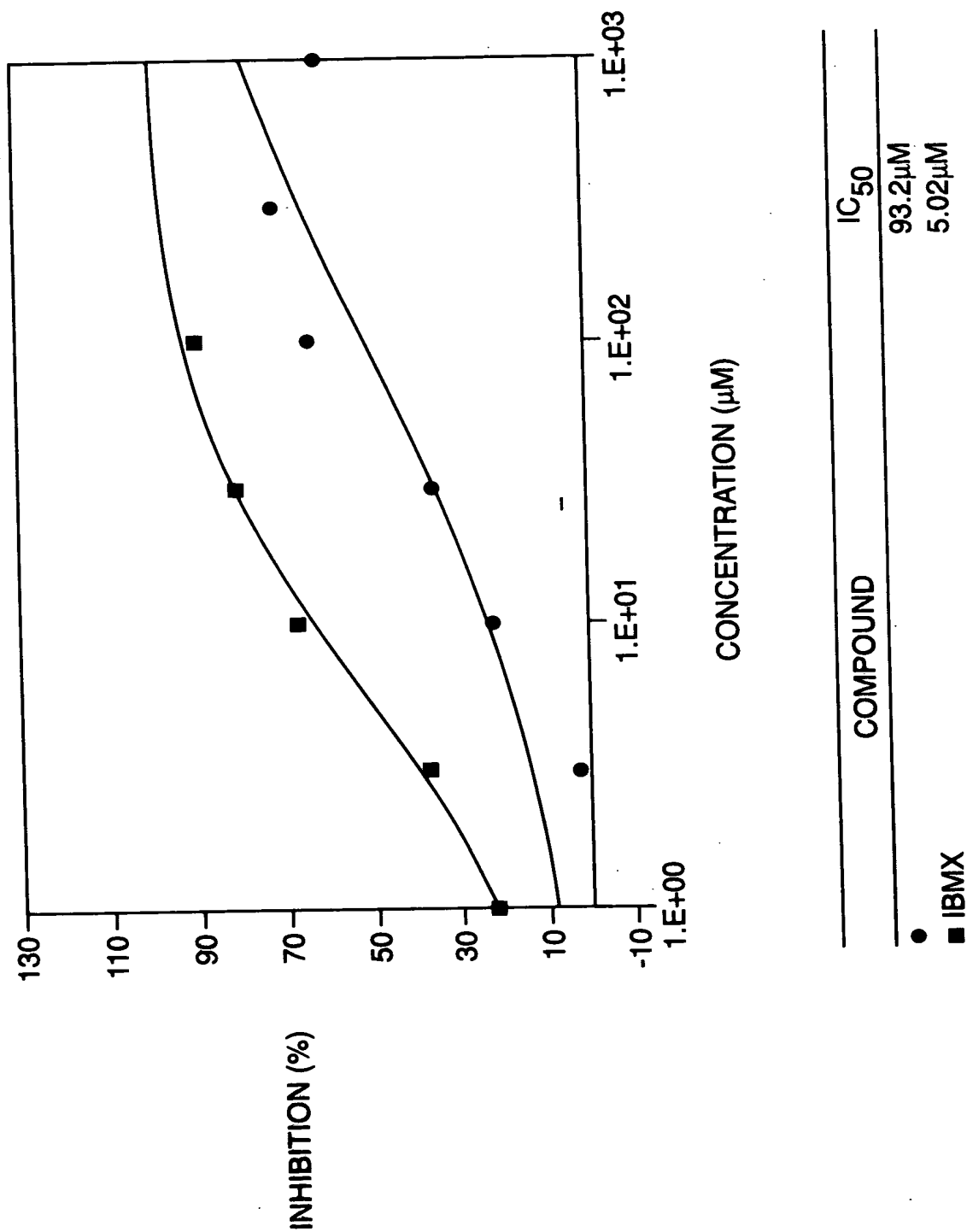
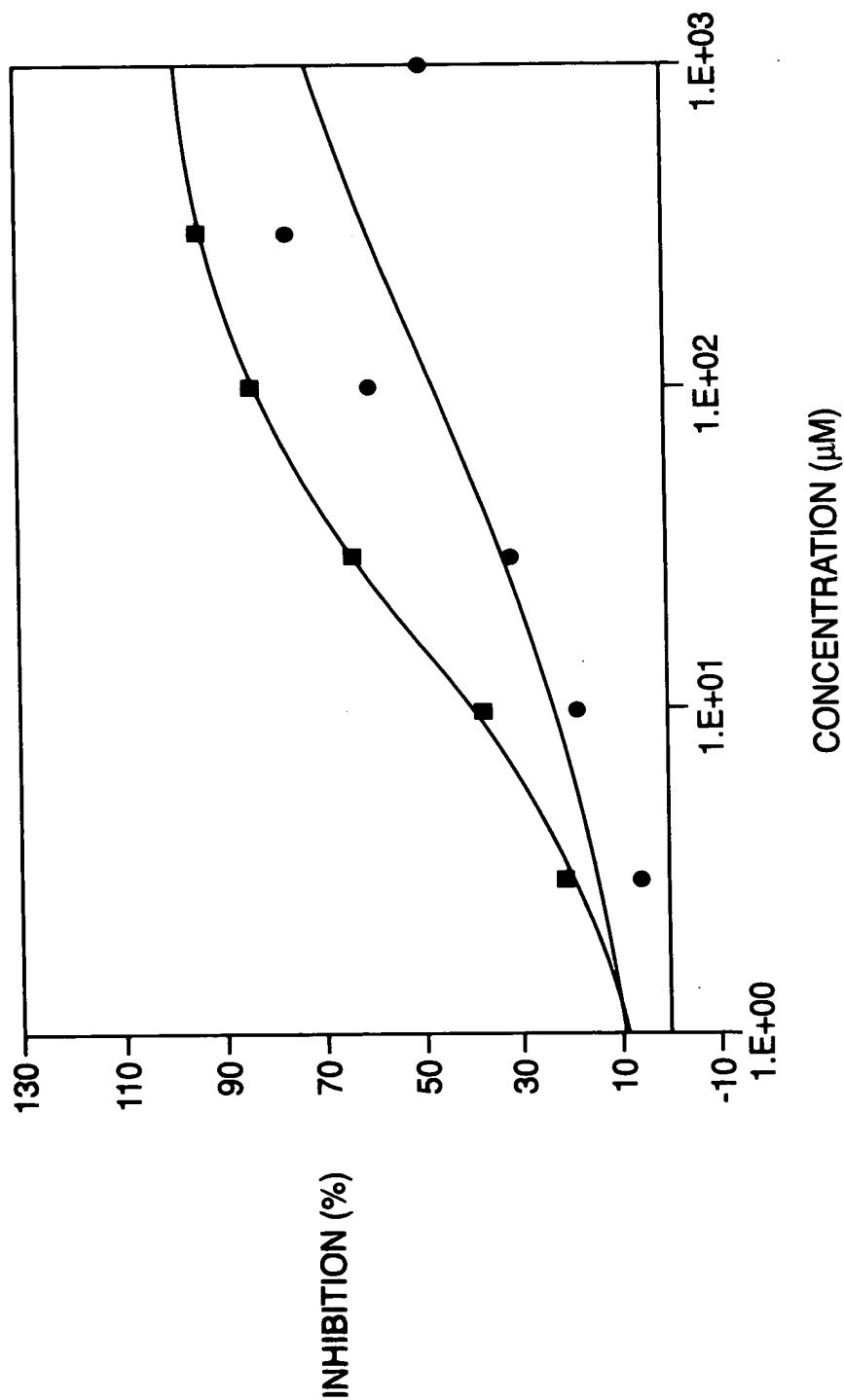


FIG. 4



COMPOUND	IC ₅₀
●	127 μM
■ IBMX	16.1 μM

FIG. 5

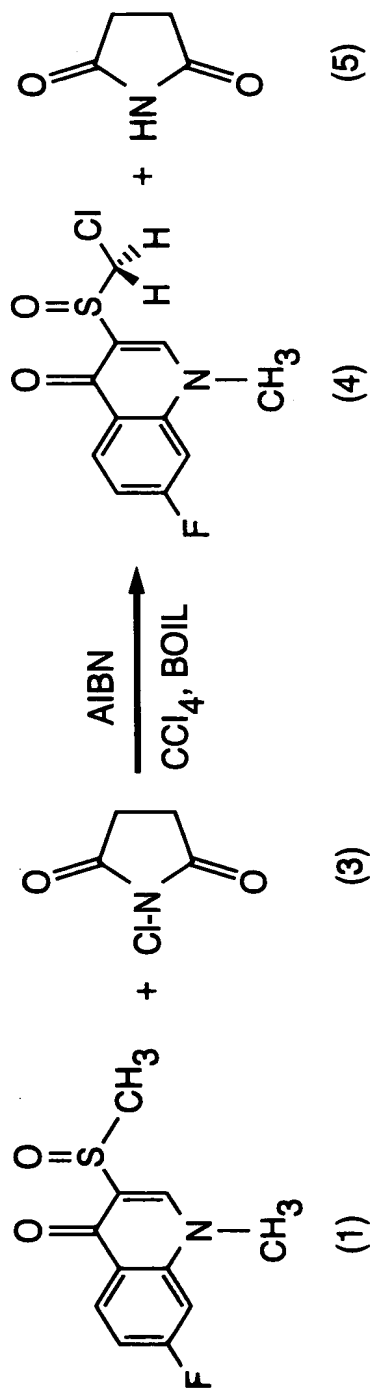


FIG. 6